Radar Scientist Flight ID 121029H 2Storm 4. SANDY Radar Scientist GAMACHE

The on-board radar scientist is responsible for data collection from all radar systems on his/her assigned aircraft. Detailed operational procedures and checklists are contained in the operator's manual. General supplementary procedures follow. (Check off or initial.)

Preflight				
1.	Determine the status of equipment and report results to the lead project scientist (LPS).			
2.	Confirm mission and pattern selection from the LPS.			
3.	Select the operational mode for radar system(s) after consultation with the LPS.			
4.	Complete the appropriate preflight calibrations and check lists as specified in the radar operator's manual.			
In-Flight				
1.	Operate the system(s) as specified in the operator's manual and as directed by the LPS or as required for aircraft safety as determined by the AOC flight director or aircraft commander.			
2.	Maintain the Radar Scientist's form as well as a written commentary in the radar logbook of tape and event times, such as the start and end times of F/AST legs. Also document any equipment problems or changes in R/T, INE, or signal status.			
Post flight				
	Complete the summary checklists and all other appropriate forms.			
2.	Download all radar data files to thumb drive.			
	Brief the LPS on equipment status and turn in completed forms and thumb drives to the LPS.			
4.	Debrief at the base of operations.			
5.	Determine the status of future missions and notify HFP Director as to where you can be contacted.			

HRD Radar Scientist Check List

Flight ID: 121028112
Aircraft Number: NOAA 42
Aircraft Number: NOAA 42 Radar Operators: BOBBY PEED TEARY UNCL
Radar Technician:
Component Systems Status(Up ↑, Down ↓, Not Available N/A, Not Used O):
Radar Computer
Lower Fuselage antenna
Tail Antenna
Time correction between radar time and digital time:
Radar Post flight Summary
Significant down time:
Radar LF
Radar TA
Other Problems:

HRD Radar Event Log

Flight ID 121028HZ Aircraft NOAA Radar Scientists 6 AMACHE	<u>42</u>	Sheet of
LF RPM	_TA RPM	

(Include start and end times of recording as well as times of F/AST legs and any changes of radar equipment status)

Tape #	F/AST On?	Event Time (HHMMSS)	Event
	On:		En 11 1 A A South
		12140	Flow through jet at is dofft
			Flew through jet at 15,00 ft May be write investigating later 2150 2258
			2150 2258
			2150 2240 XS
			2150 2240 XS 9 2217 3337' 71°16'
		6	23243353 7106 040/13
			2243 2332
		0037	4
			0038 \$ 342 7052 040/14
			2416 2515 30 AND X-S
		·	